



Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

Sanction No and Date: RD/PROP/COL/483/2019; 19/10/2020	IIT (ISM) Project No. Tata Steel/2020-21/733/Chemistry	Date: 10-06-2021
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Project Assistant position under (Tata Steel Sponsored) Project

Applications are invited under the sponsored project. The details of the project are as under:

Position	Project Assistant
Number of Position (s)	01
Title of The Project	Molecular modeling approach to design new binder for low grade iron ore pelletization
Principal Investigator	Prof. Niladri Patra, Assistant Professor, Department of Chemistry, Email: npatra2@iitism.ac.in.
Tenure of Project	One year (on contractual basis)
Job Description (in maximum of 100 words)	Development of new reagents with high binding strength with iron oxides and relatively stable at higher temperatures.
Essential Qualification	MSc in Chemistry
Desirable Qualification	The candidate should be GATE/NET qualified. Must have working knowledge of computational chemistry software packages (Gaussian, Quantum Espresso, etc) and programming will be added advantage.
Age and Relaxation (if any)	Upper limit is 28 years at the time of appointment.
Fellowship	INR 35000.00 per month for one year
Last Date & Time	09-07-2021, 5.00 PM. Interested candidates are requested to send the application with detailed bio-data, educational qualifications, age-proof, and GATE/NET certificate (if any) to Prof. Niladri Patra by email (npatra2@iitism.ac.in).

Shortlisted candidates will be informed through email about the interview. The interview would be on online mode (google meet/Zoom) on 12-07-2021. The time along with the online details would be sent to the shortlisted candidates by 11-07-2021 by email. Mere possession of the minimum qualifications does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merits and as per the requirements of the project.

Niladri Patra

(Signature of PI)